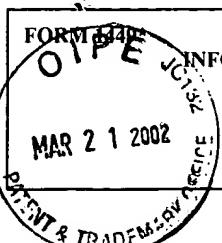


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|  INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary) | Docket Number: 11669.72USU1 | Application Number: 09/872,702 |
| | Applicant: KOREN ET AL. | |
| | Filing Date: JUNE 1, 2001 | Group A Unit: 1642 TECH CENTER 1600/2900 MAR 22 2002 |

| U.S. PATENT DOCUMENTS | | | | | | |
|--|---|------------|------------|-------|----------|----------------------------|
| EXAMINER INITIAL | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>J. Speco</i> | 3,903,068 | 09/02/1975 | Ruttenberg | — | — | |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | YES |
| | 0 251 446 A2 | 01/07/1988 | EP | — | — | |
| | WO 89/06279 | 07/13/1989 | PCT | — | — | |
| | WO 91/00345 | 01/10/1991 | PCT | — | — | |
| | WO 96/21016 A2 | 07/11/1996 | PCT | — | — | |
| | WO 96/21016 A3 | 07/11/1996 | PCT | — | — | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | |
| | Arlian, L.G. et al., "Antigenic and Allergenic Characterization of the Enzymes Alcalase and Savinase by Crossed Immunoelectrophoresis and Cross Radioimmuno-electrophoresis", <i>Int. Arch. Allergy Appl. Immunol.</i> , 91:278-284 (1990) | | | | | |
| | Collen, D. et al., "Recombinant Staphylokinase Variants With Altered Immunoreactivity - I: Construction and Characterization", <i>Circulation</i> , Vol. 94, No. 2, pp. 197-206 (July 15, 1996) | | | | | |
| | Collen, D. et al., "Recombinant Staphylokinase Variants With Altered Immunoreactivity - II: Thrombolytic Properties and Antibody Induction", <i>Circulation</i> , Vol. 94, No. 2, pp. 207-216 (July 15, 1996) | | | | | |
| | Collen, D. et al., "Recombinant Staphylokinase Variants With Altered Immunoreactivity - III: Species Variability of Antibody Binding Patterns", <i>Circulation</i> , Vol. 95, No. 2, pp. 455-462 (January 21, 1997) | | | | | |
| | Collen, D. et al., "Recombinant Staphylokinase Variants With Altered Immunoreactivity - IV: Identification of Variants With Reduced Antibody Induction but Intact Potency", <i>Circulation</i> , Vol. 95, No. 2, pp. 463-472 (January 21, 1997) | | | | | |
| | Collen, D. et al., "Polyethylene Glycol-Derivatized Cysteine-Substitution Variants of Recombinant Staphylokinase for Single-Bolus Treatment of Acute Myocardial Infarction", <i>Circulation</i> , pp. 1766-1772 (October 10, 2000) | | | | | |
| | Collins, S.P., "Absence of continuous epitopes in the house dust mite major allergens <i>Der p 1</i> from <i>Dermatophagoides pteronyssinus</i> and <i>Der f 1</i> from <i>Dermatophagoides farinae</i> ", <i>Clinical and Experimental Allergy</i> , 26:36-42 (1996) | | | | | |
| | Creighton, T., "Proteins: Structures and Molecular Principles", p. 4 (1984) | | | | | |
| | Favre, C. et al., "Epitope Mapping of Recombinant Human Gamma Interferon Using Monoclonal Antibodies", <i>Molecular Immunology</i> , Vol. 26, No. 1, pp. 17-25 (1989) | | | | | |



| | |
|---|---------------------------------|
| EXAMINER <i>J. Speco</i> | DATE CONSIDERED <i>10/31/02</i> |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. | |

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| FORM 1449* INFORMATION DISCLOSURE STATEMENT | | Docket Number: 11669.72USU1 | Application Number: 09/872,702 |
| IN AN APPLICATION (Use several sheets if necessary) | | Applicant: KOREN ET AL. | |
| | | Filing Date: JUNE 1, 2001 | Group Art Unit: 1632 |

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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | |
|--|---|--|--|
| <i>Geysen, H. et al., "Chemistry of Antibody Binding to a Protein", Science, 235:1184-1190 (March 6, 1987)</i> | | | |
| <input checked="" type="checkbox"/> | Geysen, H. et al., "Cognitive Features of Continuous Antigenic Determinants", <i>Journal of Molecular Recognition</i> , Vol. 1, No. 1, pp. 32-41 (1988) | | |
| <input checked="" type="checkbox"/> | Jemmerson, R. et al., "Fine manipulation of antibody affinity for synthetic epitopes by altering peptide structure: antibody binding to looped peptides", <i>Eur. J. Immunol.</i> , 20:579-585 (1990) | | |
| <input checked="" type="checkbox"/> | Laroche, Y. et al., "Recombinant staphylokinase variants with reduced antigenicity due to elimination of B-lymphocyte epitopes", <i>Blood</i> , Vol. 96, No. 4, pp. 1425-1432 (August 15, 2000) | | |
| <input checked="" type="checkbox"/> | Leyte, A. et al., "Inhibition of human coagulation Factor VIII by monoclonal antibodies", <i>Biochem. J.</i> , 263:187-194 (1989) | | |
| <input checked="" type="checkbox"/> | Rabijns, A. et al., "Three-dimensional structure of staphylokinase, a plasminogen activator with therapeutic potential", Correspondence, <i>Nature Structural Biology</i> , Vol. 4, No. 5 (May 1997) | | |
| <input checked="" type="checkbox"/> | Quijada, L. et al., "Analysis of the antigenic properties of the <i>L. infantum</i> Hsp70: Design of synthetic peptides for specific serodiagnosis of human leishmaniasis", <i>Immunology Letters</i> , Vol. 63(3), 169-174 (1998), Abstract only | | |
| <input checked="" type="checkbox"/> | Lackner, K. et al., "Autoantibodies against human calpastatin in rheumatoid arthritis: epitope mapping and analysis of patient sera", <i>British Journal of Rheumatology</i> , 37(11):1164-1171 (Nov. 1998), Abstract only | | |
| <input checked="" type="checkbox"/> | Hanes, J. et al., "In-vitro selection and evolution of functional proteins by using ribosome display", <i>Proc. Natl. Acad. Sci USA</i> , 94(10):4937-4942 (May 13, 1997), Abstract only | | |
| <input checked="" type="checkbox"/> | Angel, S. et al., "During canine leishmaniasis a protein belonging to the 83-kda heat-shock protein family elicits a strong humoral response", <i>Acta Tropica</i> , 62(1):45-46 (September 1996), Abstract only | | |
| <input checked="" type="checkbox"/> | Dutta, S. et al., "Molecular cloning and analysis of recombinant major antigens of <i>Ehrlichia risticii</i> " <i>Infection and Immunity</i> , 59(3):1162-1169 (March 1991), Abstract only | | |
| <input checked="" type="checkbox"/> | Scandella, D. et al., "Epitope mapping of human Factor VIII inhibitor antibodies by deletion analysis of factor VIII fragments expressed in <i>Escherichia coli</i> ", <i>Proc. Natl. Acad. Sci USA</i> , 85:6152-6156 (August 1988) | | |
| <input checked="" type="checkbox"/> | Schoofs, P. et al., "Epitopes of an influenza viral peptide recognized by antibody at single amino acid resolution", <i>The Journal of Immunology</i> , Vol. 140, No. 2, pp. 611-616 (January 15, 1988) | | |
| <input checked="" type="checkbox"/> | Stewart, T. et al., "Transgenic Mice as a Model to Test the Immunogenicity of Proteins Altered by Site-specific Mutagenesis", <i>Mol. Biol. Med.</i> , 6:275-281 (1989) | | |
| <input checked="" type="checkbox"/> | Storch, M. et al., "Specificity of Monoclonal Anti-Human Insulin Antibodies", <i>Diabetes</i> , 36:1005-1009 (September 1987) | | |
| <input checked="" type="checkbox"/> | Walsh, B.J. et al., "A method for the detection of IgE binding sequences of allergens based on a modification of epitope mapping", <i>Journal of Immunological Methods</i> , 121:275-280 (1989) | | |
| <input checked="" type="checkbox"/> | Zachariae, H. et al., "Detergent Enzymes and Occupational Safety", <i>Allergy</i> , 36:513-516 (1981) | | |
| <input checked="" type="checkbox"/> | "Welcome to the ThromboGenics Ltd. homepage", http://www.thrombogenics.com/TestWelcome.html , 5 pages (Last Update: Fri., June 29, 2001, Printed Nov. 20, 2001) | | |

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|---|-------------------|-----------------|-----------------|
| EXAMINER | <i>T. Spector</i> | DATE CONSIDERED | <i>10/31/02</i> |
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